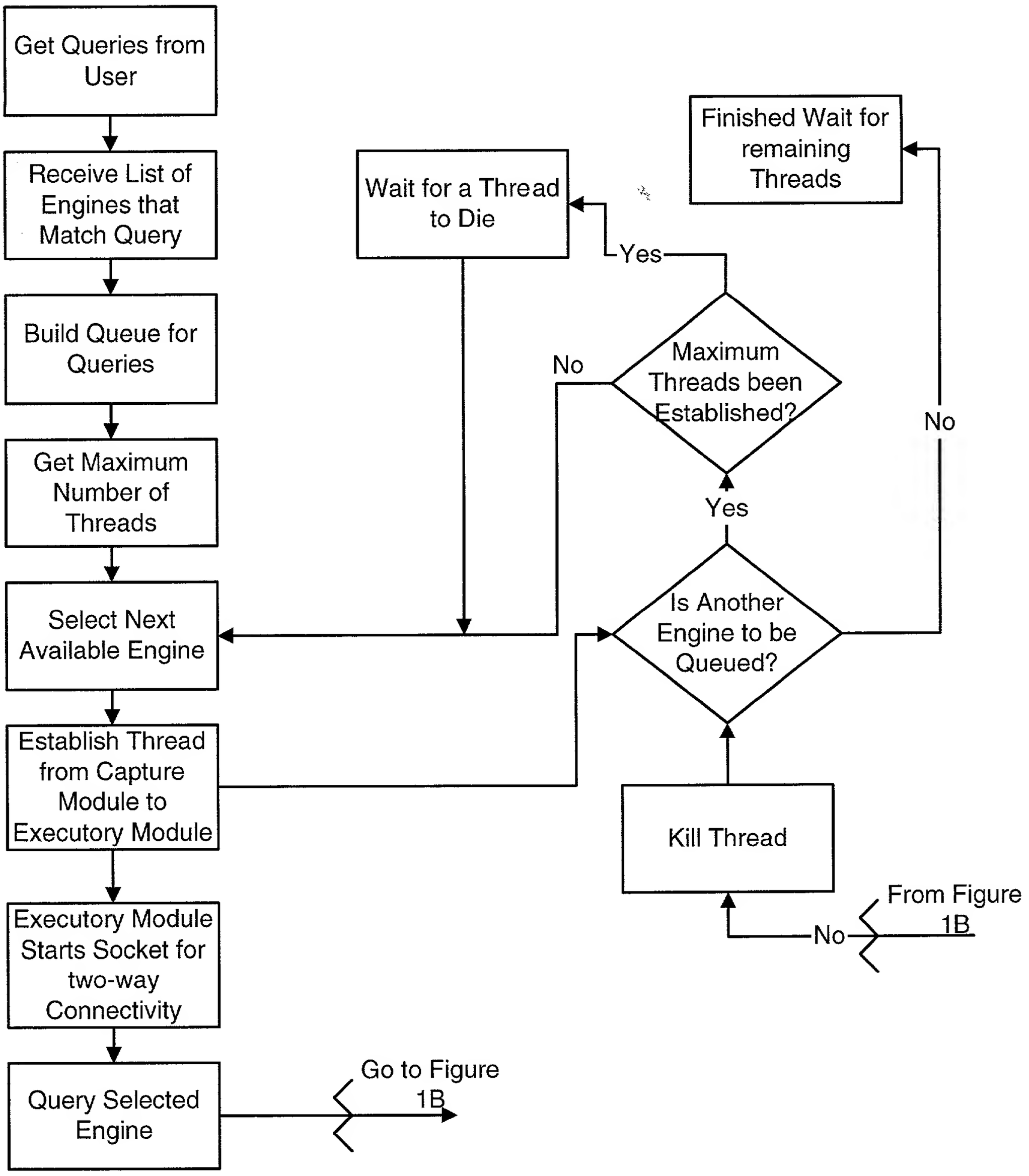

Figure 1A

EDGAR - Search and Retrieval

REDACTED

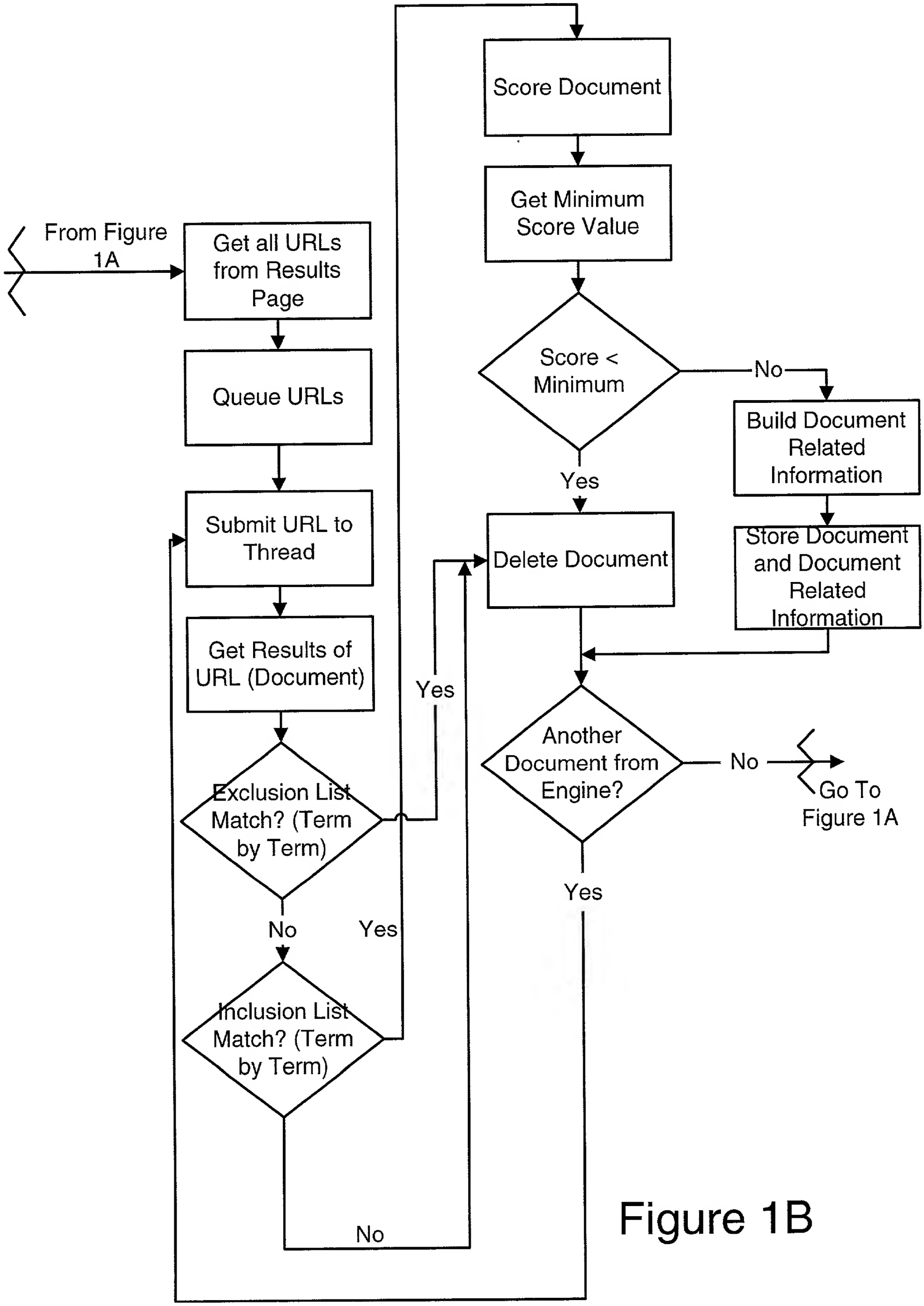

Figure 1B

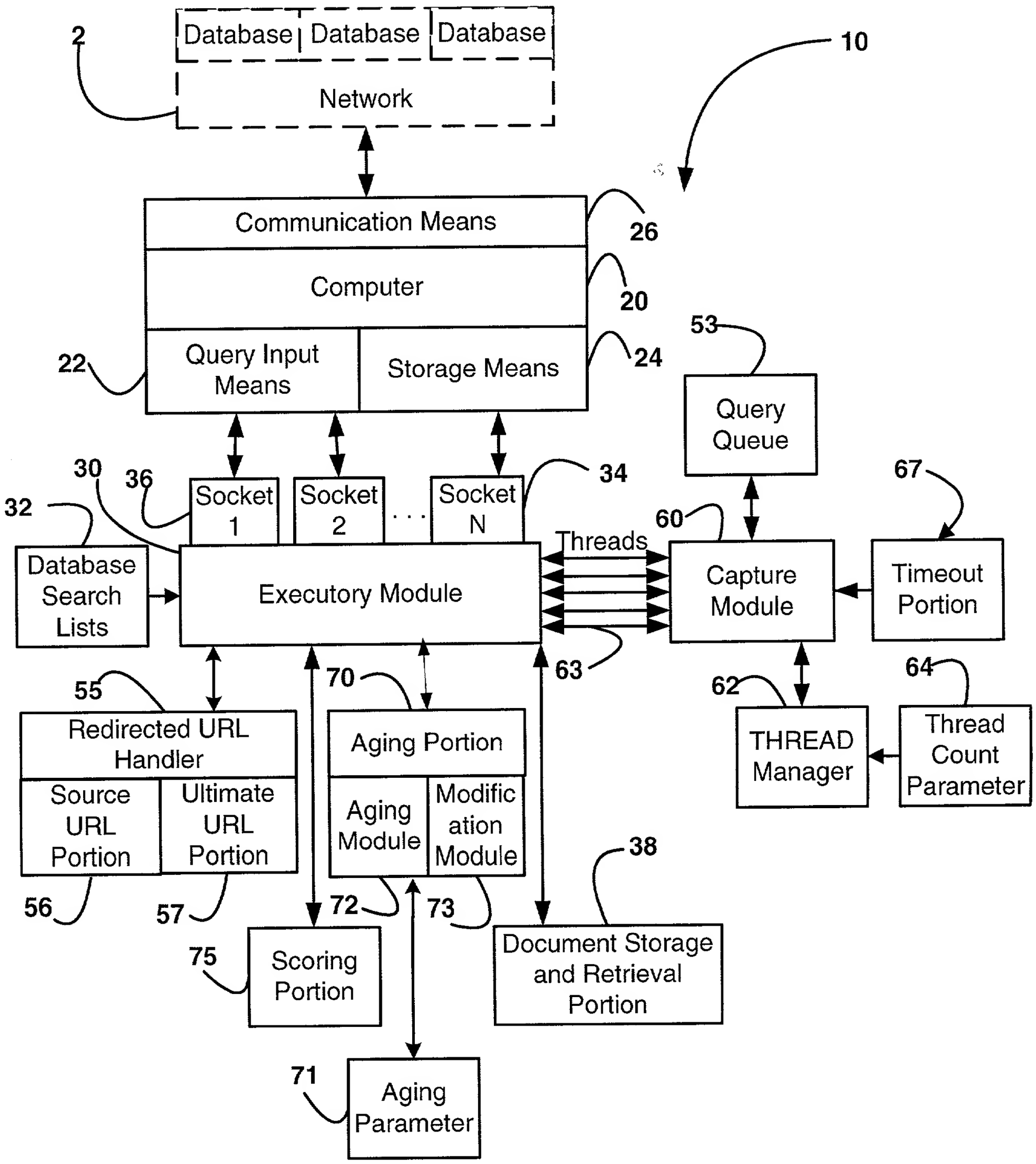
2
Database
Database
Database
Network
10
Communication Means
26
Computer
20
22
Query Input Means
Storage Means
24
53
Query Queue
67
30
36
32
Socket 1
Socket 2
Socket N
34
60
Threads
Database Search Lists
Executory Module
Capture Module
Timeout Portion
63
64
62
55
70
Redirected URL Handler
Aging Portion
THREAD Manager
Thread Count Parameter
Source URL Portion
Ultimate URL Portion
Aging Module
Modification Module
38
56
57
72
73
75
Scoring Portion
Document Storage and Retrieval Portion
71
Aging Parameter

Figure 2

EXPRESS MAIL NO. EL 927 760 620 US

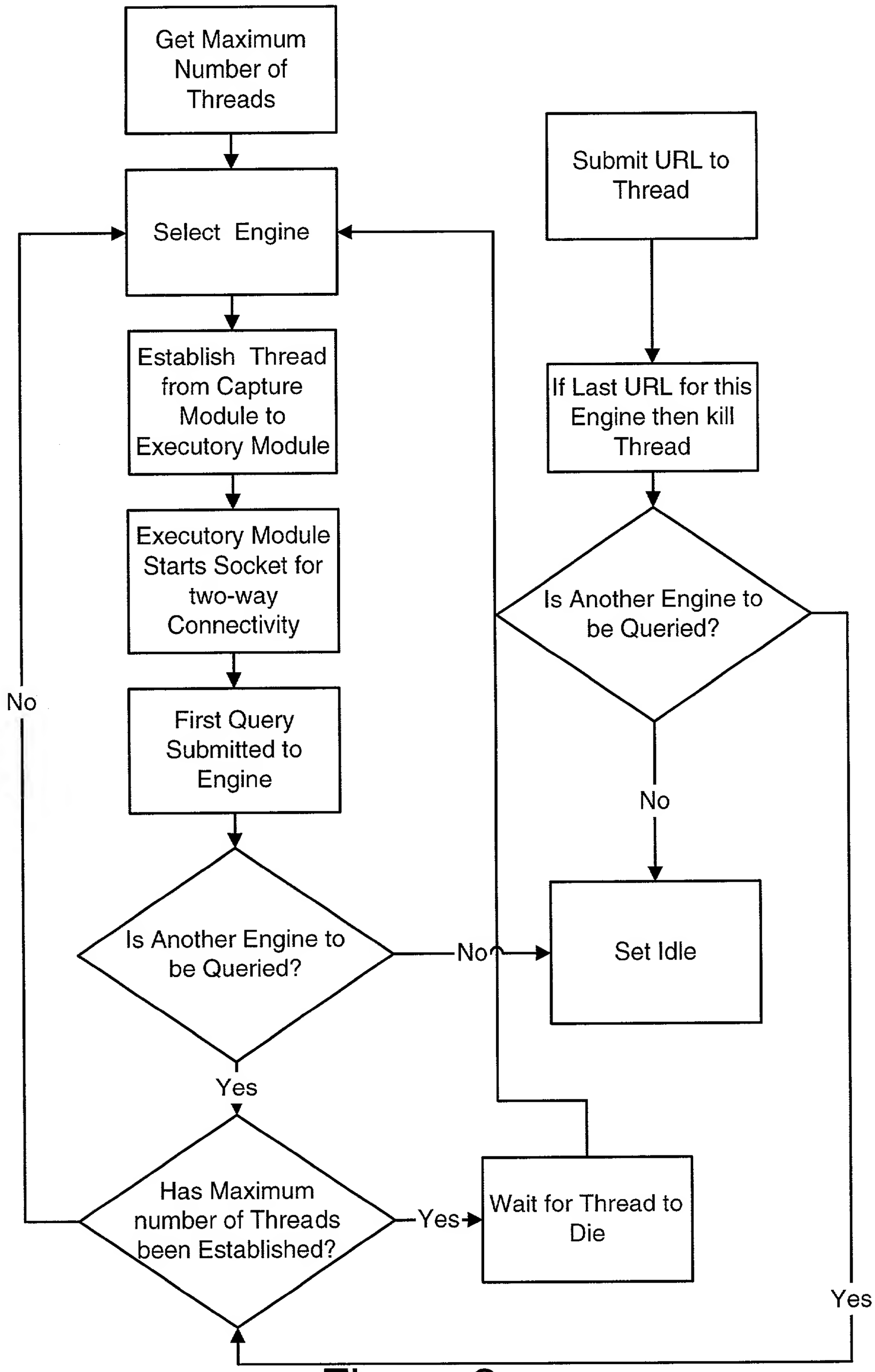

Figure 3

EDS-1001-A-US-PAT

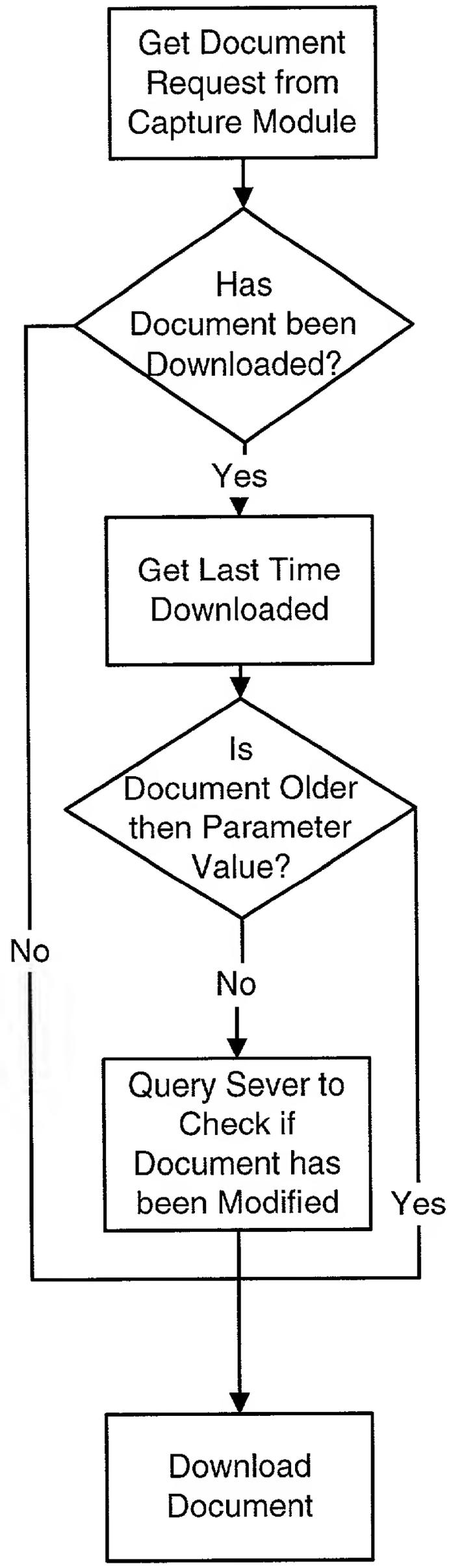

Figure 4

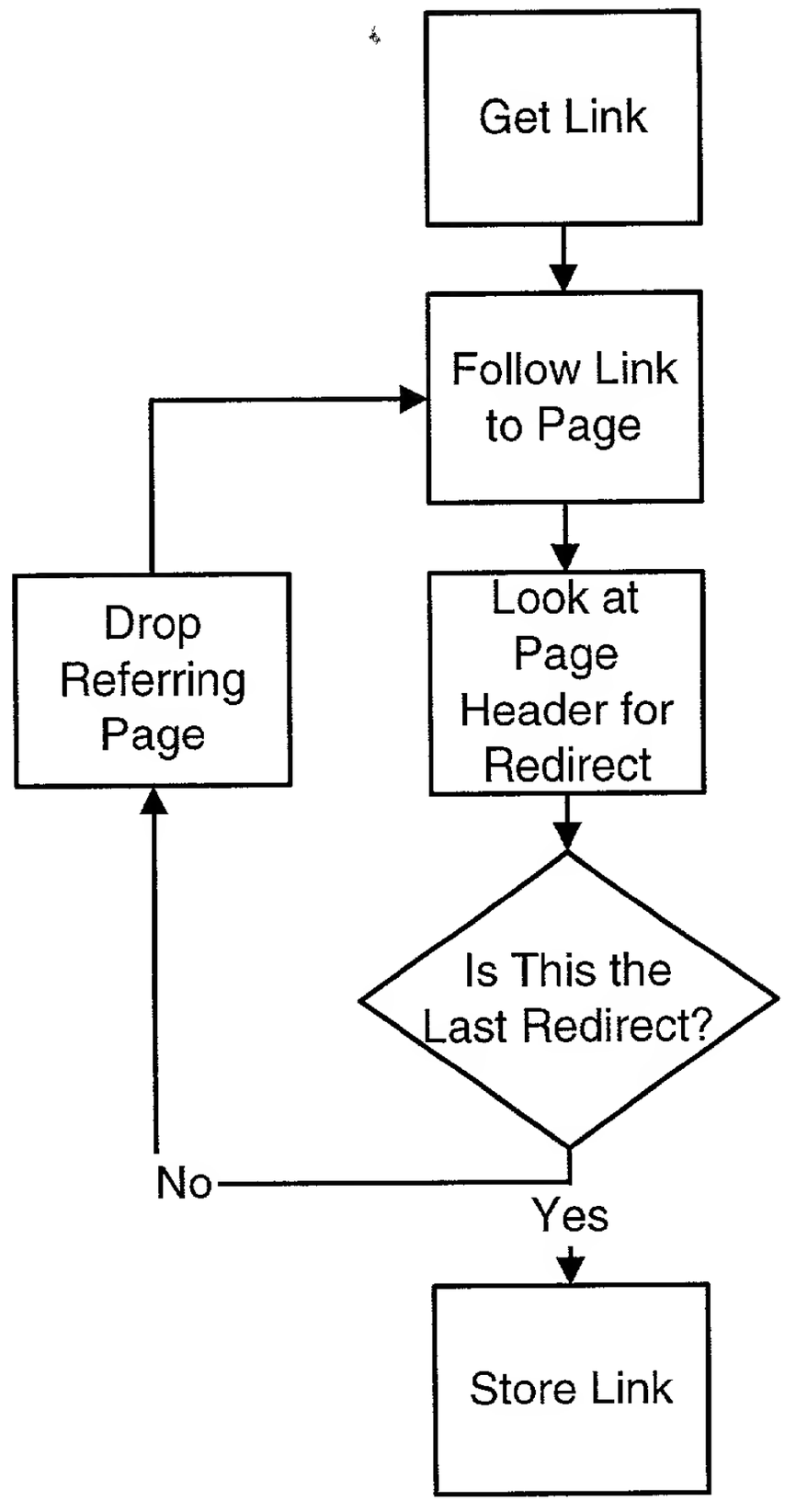
Get Link
Follow Link to Page
Drop Referring Page
Look at Page Header for Redirect
Is This the Last Redirect?
No
Yes
Store Link

Figure 5

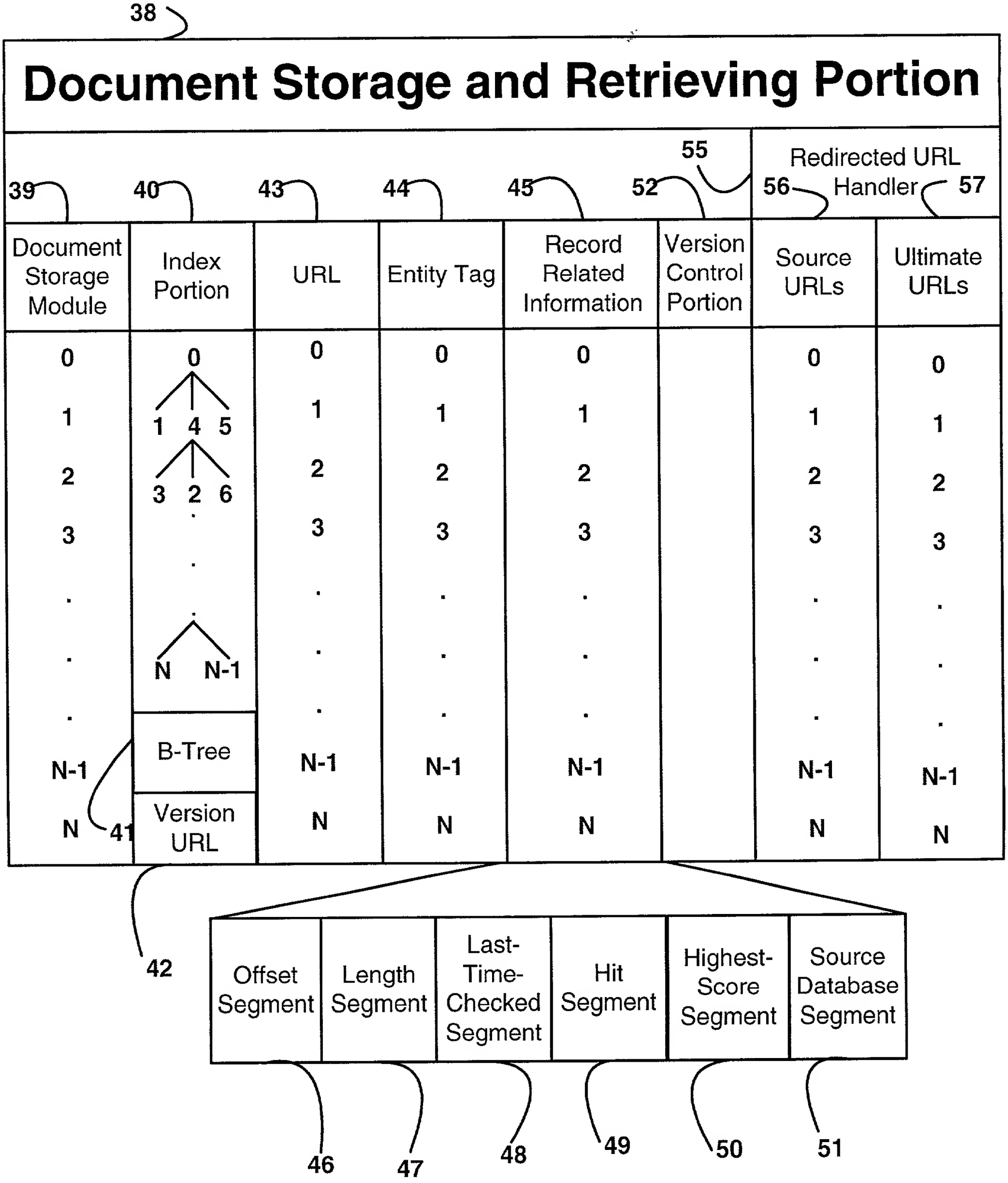
38
Document Storage and Retrieving Portion
39
40
43
44
45
52
55
Redirected URL Handler
56
57
Document Storage Module
Index Portion
URL
Entity Tag
Record Related Information
Version Control Portion
Source URLs
Ultimate URLs
0
1
2
3
.
.
.
N-1
N
1 4 5
3 2 6
N N-1
B-Tree
Version URL
41
42
Offset Segment
Length Segment
Last-Time-Checked Segment
Hit Segment
Highest-Score Segment
Source Database Segment
46
47
48
49
50
51

Figure 6

45

Record Related Information

46 47 48 49 50 51

Offset Segment	Length Segment	Last Time Checked Segment	Hits Segment	Highest Score Segment	Database Segment
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
N-1	N-1	N-1	N-1	N-1	N-1
N	N	N	N	N	N

Figure 7